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VIRTUAL REALITY

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فصل ششم – بسترهای نرم افزاری



پلتفرم های پخش



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Windows

پس از معرفی پلتفرم آکیولس زیر نظر فیس بوک و معرفی محصول Steam VR با همکاری HTC و Valve میکروسافت نیز در آپدیت ویندوز ۱۰ پلتفرم VR خود را رونمایی کرد و به این صورت هدست هایی با همکاری شرکت های Acer , Lenovo و Dell برای این محصول تولید شده است که قیمتی حدود ۳۰۰ تا ۴۰۰ دلار دارند.



Cardboard

گوگل در کنفرانس I/O 2015 نسخه‌ی جدید هدست واقعیت مجازی Cardboard را معرفی کرد. آخرین نسخه‌ی این هدست از گوشی‌های هوشمند بزرگ تا ۶ اینچ پشتیبانی کرده و دکمه‌های مغناطیسی در آن حذف شده است. علاوه بر این گوگل اپلیکیشن آی‌اواس Cardboard را نیز عرضه کرده است.



Daydream



گوگل با معرفی پلتفرم واقعیت مجازی DayDream، چشم‌اندازی از آینده واقعیت مجازی بر اساس گوشی‌های هوشمند را به اشتراک گذاشت. به جای وصل کردن کاربران واقعیت مجازی به یک گوشی هوشمند، پلتفرم DayDream یک تلاش برای توسعه واقعیت مجازی است که سخت‌افزار گوشی‌های هوشمند، بهینه‌سازی‌های پلتفرمی، کنترلرهای با تأخیر کم و سخت‌افزار بصری نسل جدید را با یکدیگر همراه می‌کند تا تجربه‌ای از واقعیت مجازی را در اختیار کاربران بگذارد که بیش از اینکه شبیه یک پروژه علمی باشد، یک تلاش تبلیغاتی نظم‌داده شده است. امروز گوگل نقشه‌های خود در زمینه DayDream را توسعه داد و قرار است سخت‌افزارهای مرتبط با این پلتفرم را عرضه کند.

این پلتفرم ویژه اندروید نوقا و نسخه‌های بعد از آن توسعه داده شده است.



نرم افزار های پخش



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PC



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Kolor Eyes (Gopro VR Player)

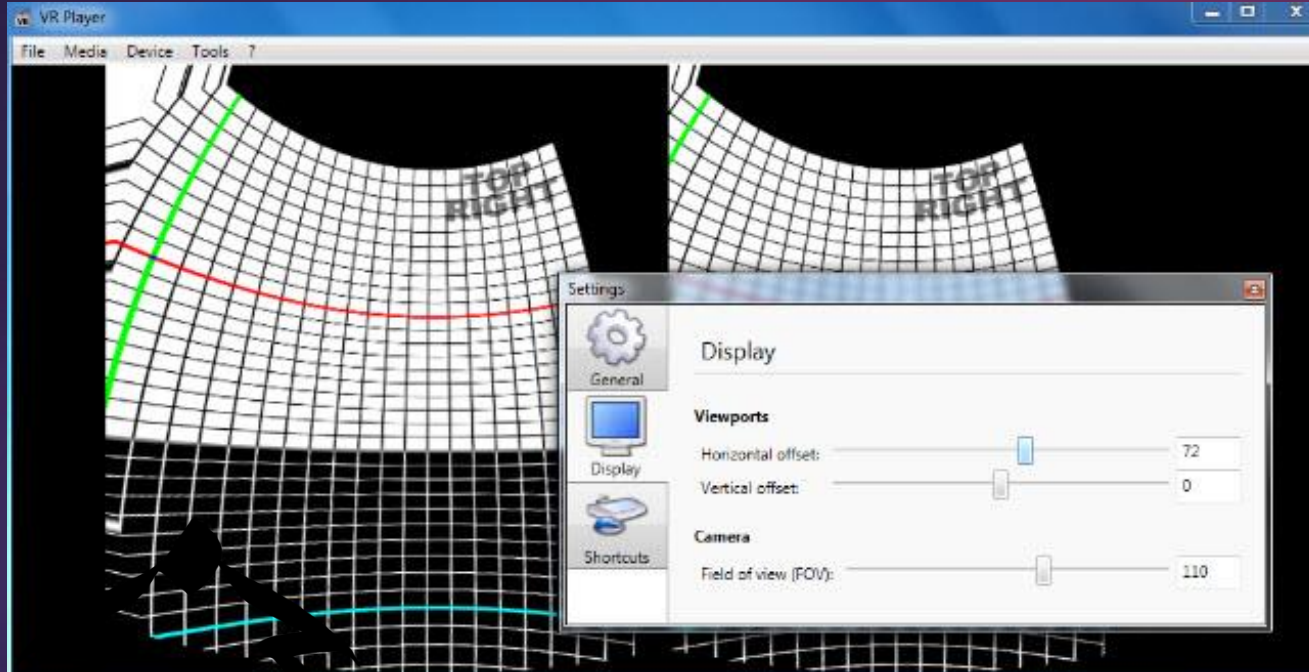


As what most VR player users know, this VR video player is just a free 360 degree player for Android, IOS, MAC, WINDOWS as well as HTML5. The good thing about this is that, it actually lets the users interact and play with 360 degree videos on their PC. Aside from watching VR movies, you can also watch movies online through connecting only your android and IOS device with your VR headset.

<http://www.kolor.com/kolor-eyes/>



Live View Rift



As what most VR player users know, this VR video player is just a free 360 degree player for Android, IOS, MAC, WINDOWS as well as HTML5. The good thing about this is that, it actually lets the users interact and play with 360 degree videos on their PC. Aside from watching VR movies, you can also watch movies online through connecting only your android and IOS device with your VR headset.

<https://vrplayer.codeplex.com/>

Total Cinema 360 Oculus Player



Characteristically, it is a high quality yet free VR video player that actually allows users to experience optimized live action videos either on Mac and Windows. What makes this VR player more interesting is that once you put your VR headset, you can then now immerse yourself in non- linear narratives and soundscapes using this best VR video player. In addition, it can also operate on Android, IOS, MAC OS as well as on Windows 10/8/7. Plus, it can be used for viewing a VR Video on web, making it more interesting to use. At a very cheap price, you will for sure have it.

<http://total-cinema-360-oculus-player.software.informer.com/3.1/>

RiftMax



RiftMax is actually more than a VR video player, in which it can play 360° videos. With this, you are allowed to interact with your friends like participating in a party or share movie with them even they are in a far distance or miles away. Aside from that, RiftMax also enhances video with good effects that come out of the screen.

<https://www.wearvr.com/apps/riftmax-theater>

LiveViewRift



This top least of VR video player is actually one of the most known VR video players that is highly recognized and considered by many numbers of VR viewers. This is because of its field of view correction functions and powerful distortion which allow you to enjoy media even your eyes are there in the camera. In addition, the view pitch, field of view and various mapping functions of this this VR player is configurable. As a matter of fact, you can download it free this for Mac and windows so far, but not in a media player for windows 10 at this time.

Android



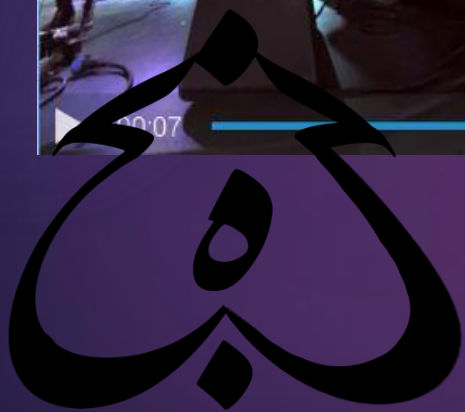
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VR Player Pro



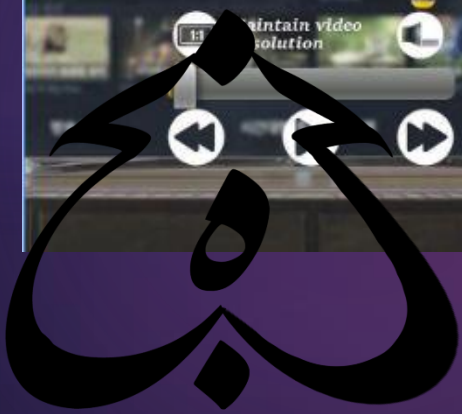
VR Player lets you have the realistic experience through the VR movies. This free to use 3D video player is perfect to put the users in action. This VR video player can effectively play the 2D, 3D Top-Bottom, 3D SBS videos on your smartphone. If you are interested in having the experience of theatre with your smartphone, then you must install the VR Player in it. Here are some of the main features of this VR player.



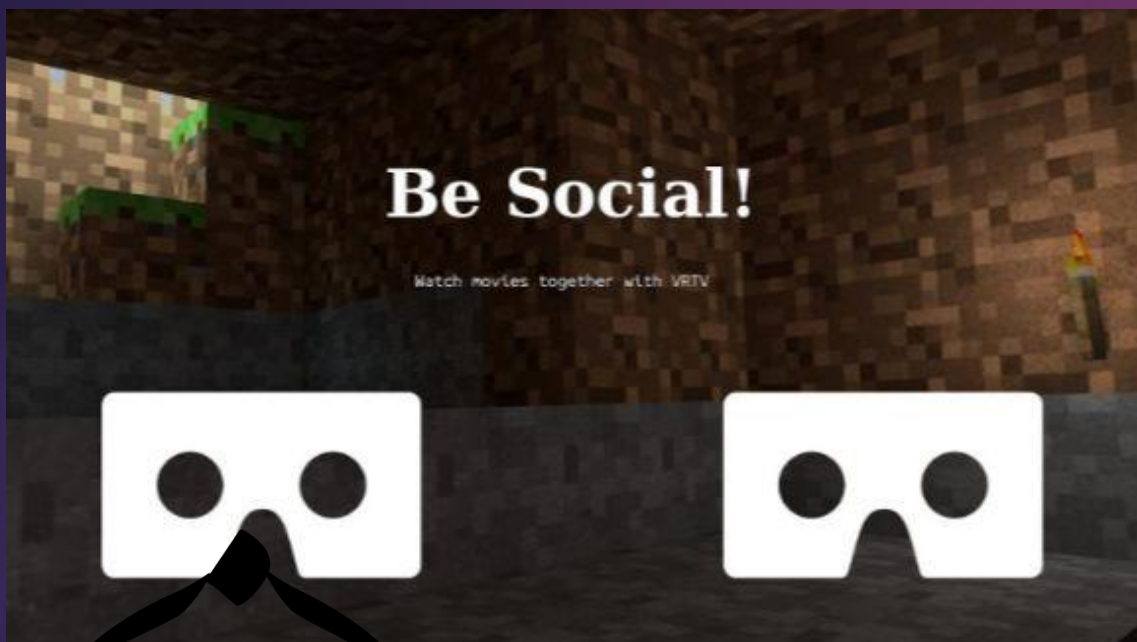
VR Gesture Player



If you are interested in having the realistic experience through 3D videos then you must try VR Gesture Player. The most amazing feature of the app is that the inputs are made through hand gestures. The touch-less control of this app lets the users to jump into the world of virtual reality. The hand gestures are recognized by the back camera and these gestures are used to control the app. So, the users are not required to make the menu selections.



VRTV Player Free



Though similar to the VR player, but VRTV offers the modest user interface. This interface do just wonders when it comes to smooth playbacks. This player app features all the projection types like dome, cube, and more that are required to play the VR videos. Fish Eye is the best feature of this player which lets the users to split the videos in such a way that there is no strain on your eyes. Only you need to ensure that it is adjusted properly between the pupillary lenses and the VR headset. As the name depicts, the 3D VR video player is also free to download.

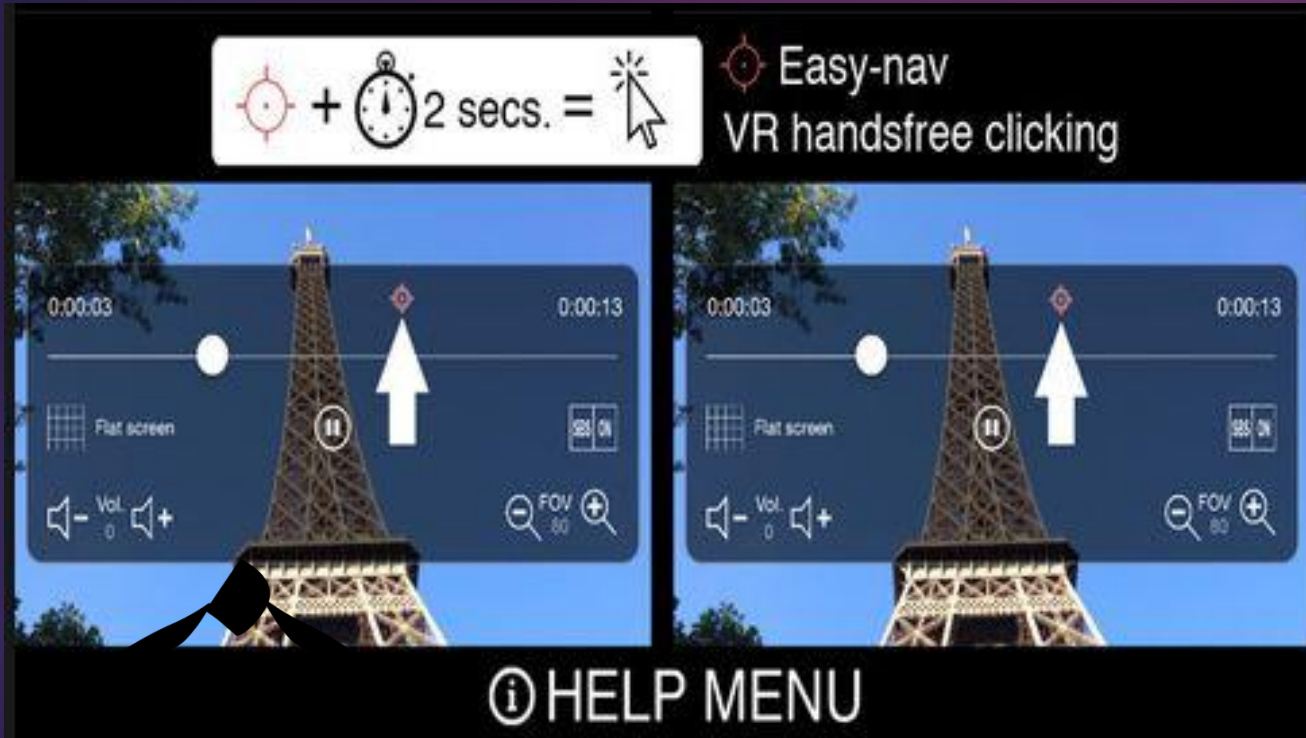
AAA VR Cinema App for Android



Another free but great solution for android users is AAA VR Cinema. The wide range of play options lets the users enjoy the VR videos to great level. Though all its features are good, but the one that is most appreciated by the users is head tracking system. This great technology lets the player track your head's drift movements. Thus, the users can easily watch the VR videos without any need of Gyro sensor. Let us tell you some wonderful features of this amazing app.



Homido 360 VR player



Another free but great solution for android users is AAA VR Cinema. The wide range of play options lets the users enjoy the VR videos to great level. Though all its features are good, but the one that is most appreciated by the users is head tracking system. This great technology lets the player track your head's drift movements. Thus, the users can easily watch the VR videos without any need of Gyro sensor. Let us tell you some wonderful features of this amazing app.

وب



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